



DT07 Rec'd PCT/PTO 06 DEC 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : 10/508,805  
Applicant(s) : Zenon Lysenko, et al.  
Filed : April 17, 2003  
TC/A.U. : Not Assigned  
Examiner : Not Assigned  
Title : INTEGRATED CHEMICAL PROCESSES FOR INDUSTRIAL UTILIZATION  
OF SEED OILS  
Docket No. : 61829A  
Customer No. : 00109

Confirmation No.: Not Assigned

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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicants' duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO 1449.

A copy of each cited Foreign Patent Document and Other Disclosure is enclosed herewith. Although English-language translations are not available for several of the cited foreign-language patent documents, an English abstract is provided for each foreign-language document cited.

The Examiner is requested to review each reference and formulate his or her own understanding thereof.

Respectfully submitted,

*Marie F. Zuckerman*

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**INFORMATION DISCLOSURE STATEMENT**

(Use Several Sheets if necessary)

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	4,545,941	10/08/1985	Rosenburg	260		
	4,560,792	12/24/1985	Banasiak	560		
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	4,943,397	07/24/1990	Johnson	260		
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**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO
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EP-0 328 230	08/1989	Europe			
J 56 077243	06/1981	Japan (Abstract)			X
J 03 066725A	03/1991	Japan (Abstract)			X

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)**

	Ahn, Yu Mi et al., "A Convenient Method for the Efficient Removal of Ruthenium Byproducts Generated During Olefin Metathesis Reactions", ORGANIC LETTERS, Vol. 3, pp. 1411-1413 (2001)
	Biermann, Ursula et al., "New Synthesis with Oils and Fats as Renewable Raw Materials for the Chemical Industry", ANGEWANDTE CHEMIE INT. ED., Vol. 39, pp.m2207-2224 (2000)
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	Derwent Abstract, AN 1991-015326 (DD 281594)
	Dowden, James et al., "Olefin Metathesis in Non-Degassed Solvent Using a Recyclable, Polymer Supported Alkylideneruthenium", CHEMICAL COMMUNICATIONS, pp. 37-38 (2001)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.


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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO
	WO 91/14665	10/1991	International			
	WO 93/20111	10/1993	International			
	WO 96/04289	02/1996	International			
	WO 97/06185	02/1997	International			
	WO 99/00397	01/1999	International			
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	WO 02/076920	10/2002	International (Dow case 61071A WO)			
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	Kingsbury, Jason et al., "A Recyclable Ru-Based Metathesis Catalyst", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, Vol. 121, pp. 791-799 (1999)
	Mandelli, Dalmo et al., "Ethenolysis of Esters of Vegetable Oils: Effect of B <sub>2</sub> O <sub>3</sub> Addition to Re <sub>2</sub> O <sub>7</sub> /SiO <sub>2</sub> .Al <sub>2</sub> O <sub>3</sub> -SnBu <sub>4</sub> and CH <sub>3</sub> ReO <sub>3</sub> /SiO <sub>2</sub> .Al <sub>2</sub> O <sub>3</sub> Metathesis Catalysts", JOURNAL OF THE AMERICAN OIL CHEMICAL SOCIETY, Vol. 73, pp.229-232 (1996)
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	Refvik, M.D. et al., "Ruthenium-Catalyzed Metathesis of Vegetable Oils", JOURNAL OF THE AMERICAN OIL CHEMICAL SOCIETY, Vol. 76, pp. 93-98 (1999)
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	Yao, Qingwei, "A Soluble Polymer-Bound Ruthenium Carbene Complex: A Robust and Reusable Catalyst for Ring-Closing Olefin Metathesis", ANGEWANDTE CHEMIE INTL. ED., Vol. 39, pp. 3896-3898 (2000); (German version: Yao, Qingwei, "Ein löslicher, polymergebundener rutheniumcarbenkomplex: ein robuster und wiederverwendbarer Katalysator für Ringschluss-Olefinmetathesen", ANGEWANDTE CHEMIE, Vol. 112, pp. 4060-4063 (2000))
	"An Improved Process for the Synthesis of Unsaturated Alcohols", filed in the United States of America on October 9, 2003, Application Serial No. 60/509,908; Applicant; Bob R. Maughon et al. (Attorney Docket No. 62937)
	"An Improved Process for the Synthesis of Unsaturated Alcohols", filed in the United States of America on September 14, 2004, Application Serial No. 10/940,403; Applicant; Bob R. Maughon et al. (Attorney Docket No. 62937B)
	"Metathesis of Unsaturated Fatty Acid Esters or Unsaturated Fatty Acids with Lower Olefins", filed in the United States of America on February 27, 2002, Application Serial No. 10/469,321; Applicant; Thomas H. Newman, et al. (Attorney Docket No. 61071A)

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